Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 10 May 2023 until 23:59 on Thursday 11 May 2023

Forecast Issued on Tuesday 09 May 2023 at 17:55

Confidence: High for a progression from unsettled conditions, to mainly dry and bright weather by the end of the week and into the weekend.

Headline for Wednesday 10 May 2023: Sunshine and scattered showers throughout the day.

Mountain weather hazards on Wednesday 10 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
MIST	FOG						
Mist	Fog	Cloudy	Light rain	Light rain	Cloudy	Cloudy	Cloudy
Precipitation probability							
00%	00%	10%	30%	40%	40%	40%	10%

Forecast for Wednesday 10 May 2023

Weather: A dry start with clear skies and isolated patches of valley mist or fog through the early hours. A band of rain then sweeping eastwards through the morning, with mainly light showers. This band of rain giving way to showers, which could turn heavy and widespread through the day, with a risk of thunder. Showers easing from the west through the evening, but a further band pushing into western parts towards midnight.

Chance of cloud-free hill tops above 600m: Greater than 90% through the early hours, becoming 40% for a time, but then increasing to 30% by the afternoon. Decreasing to 30% in the west later.

Low Cloud and visibility: Generally good or very good visibility to start, but decreasing to moderate or poor in the outbreaks or rain, occasionally very poor in the heavy rain. Bases falling to around through the morning, as the band of rain moves east. Isolated bases around 400m through the afternoon, especially in heavier showers. More widespread bases to 400m in the west by the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 10 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/12 SW	11/15 SW	11/14 SW	13/18 SW	16/23 SW	17/24 SW	15/21 SW	12/16 SW	11/15 SW
300	2/9 SW	4/11 SW	5/11 SW	8/15 SW	12/22 SW	12/23 W	10/19 W	7/15 SW	7/14 SW
Valley	1/5 NW	1/8 W	5/11 SW	8/16 SW	12/22 SW	11/22 SW	9/18 SW	5/13 SW	6/13 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/4	6/3	7/4	8/5	8/5	8/4	7/4	7/3	7/4
300	6/5	8/7	9/8	10/8	11/9	11/8	10/8	9/7	8/7
Valley	5/4	8/8	10/9	11/9	13/10	12/10	11/9	10/9	10/8
Freezing Level*	1600m	1600m	1700m	1700m	1700m	1700m	1600m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Weather conditions are expected to change quickly, with a risk of heavy rain and thunder, along with lowering cloud bases.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 09 May 2023	11.4mm	15.6mm	16.4mm

Forecast for Thursday 11 May 2023

Weather: Cloudy through the early hours with outbreaks of rain. This slowly clearing through the morning with scattered showers and sunny spells. Some of the showers could turn heavy with a risk of thunder across the national park. Showers easing through the evening to leave a dry end to the day.

Maximum wind: 10-15mph

Chance of cloud-free hill tops above 600m: Less than 10% at first, becoming greater than 90% by the end of the day.

Low Cloud and visibility: Bases starting at around 400m, especially in the west through the morning, rising to generally above the summits. Bases may fall to 400m in any heavier showers through the day. Visibility generally good or very good, but moderate or poor in the showers.

Temperature: **Valleys:** Plus 14 Celsius.
At 600m: Plus 9 Celsius.
Freezing level: Above the summits.

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